## WHAT IS CLAIMED IS:

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An input device, comprising:
 an input panel for inputting data when
 being touched;

a current conducting element for

conducting a driving current when the input panel is touched, said current conducting element being arranged in a region corresponding to a peripheral region of the input panel; and

a magnetic field application unit

configured to apply a magnetic field to the current conducting element, the magnetic field application unit being arranged in the region corresponding to the peripheral region of the input panel, wherein the magnetic field intersects the current conducting element, and a portion of the magnetic field that intersects the current conducting element is parallel to the input panel.

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The input device as claimed in claim 1, wherein

the current conducting element is a rectangular coil and is fixed in the region corresponding to the peripheral region of the input panel; and

the magnetic field application unit is arranged to face the current conducting element.

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3. The input device as claimed in claim 1, wherein the current conducting element is a printed pattern formed on the input panel.

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 $\qquad \qquad 4. \quad \text{The input device as claimed in claim 1,} \\ 10 \quad \text{wherein}$ 

the magnetic field application unit is fixed in the region corresponding to the peripheral region of the input panel; and

the current conducting element is arranged to face the magnetic field application unit.

5. The input device as claimed in claim 1, further comprising:

a contact detection unit for detecting contact on the input panel; and

a driving unit for supplying the driving current to the current conducting element when the contact detection unit detects contact on the input panel.

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6. The input device as claimed in claim 5, wherein the driving current has a predetermined frequency.

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7. The input device as claimed in claim 6, wherein the driving current has a frequency in an audible frequency range.

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8. The input device as claimed in claim 5, wherein the frequency of the driving current is changeable according to a position of the contact on the input panel.

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9. The input device as claimed in claim 5, wherein

the contact detection unit detects an 20 electromotive force induced on the current conducting element.

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10. The input device as claimed in claim 1, wherein the input panel is swingable relative to a predetermined center.

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 $\ensuremath{\text{11.}}$  The input device as claimed in claim 1, wherein

35 the magnetic field application unit includes:

a first permanent magnet; and

a second permanent magnet,
wherein

magnetic poles of the first permanent
magnet are arranged to be opposite to respective

magnetic poles of the second permanent magnet; and
a direction along the magnetic poles of
each of the first permanent magnet and the second
permanent magnet is perpendicular to a plane formed
by the magnetic field intersecting the current
conducting element.

15 12. A vibrating device, comprising: a panel section;

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a current conducting element for conducting a driving current to drive the panel section to vibrate, said current conducting element being arranged in a region corresponding to a peripheral region of the panel section; and

a magnetic field application unit configured to apply a magnetic field to the current conducting element, the magnetic field application unit being arranged in the region corresponding to the peripheral region of the panel section, wherein the magnetic field intersects the current conducting element, and a portion of the magnetic field that intersects the current conducting element is parallel to the panel section.

35 13. A driving device for driving a panel to vibrate, comprising:

a current conducting element for

conducting a driving current, said current conducting element being arranged in a region corresponding to a peripheral region of the panel; and

a magnetic field application unit configured to apply a magnetic field to the current conducting element, the magnetic field application unit being arranged in the region corresponding to the peripheral region of the panel, the magnetic field intersecting the current conducting element, 10 and a portion of the magnetic field that intersects the current conducting element being parallel to the panel.

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The driving device as claimed in claim 13, wherein

the current conducting element is a 20 rectangular coil and is fixed in the region corresponding to the peripheral region of the panel; and

the magnetic field application unit is arranged to face the current conducting element. 25

The driving device as claimed in 30 15. claim 13, wherein the current conducting element is a printed pattern formed on the panel.

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The driving device as claimed in 16.

claim 13, wherein

the magnetic field application unit is fixed in the region corresponding to the peripheral region of the panel; and

5 the current conducting element is arranged to face the magnetic field application unit.

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17. The driving device as claimed in claim 13, further comprising:

a contact detection unit for detecting contact on the panel; and

a driving unit for supplying the driving current to the current conducting element when the contact detection unit detects contact on the panel.

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18. The driving device as claimed in claim 17, wherein the driving current has a predetermined frequency.

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19. The driving device as claimed in 30 claim 18, wherein the driving current has a frequency in an audible frequency range.

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20. The driving device as claimed in claim 17, wherein the frequency of the driving

current is changeable according to a position of the contact on the panel.

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21. The driving device as claimed in claim 17, wherein the contact detection unit detects an electromotive force induced on the current conducting element.

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22. The driving device as claimed in claim 13, wherein the panel is swingable relative to a predetermined center.

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23. The driving device as claimed in claim 13, wherein

25 the magnetic field application unit includes:

a first permanent magnet; and a second permanent magnet, wherein

magnetic poles of the first permanent
magnet are arranged to be opposite to respective
magnetic poles of the second permanent magnet; and
a direction along the magnetic poles of

a direction along the magnetic poles of each of the first permanent magnet and the second permanent magnet is perpendicular to a plane formed by the magnetic field intersecting the current conducting element.